

OREGON CROP WEATHER



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, Oregon Field Office

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Weather: Another week of sunshine and rain with temperatures about the same as the previous week. Conditions were somewhat cooler and damper than average. Low temperatures ranged from 24 degrees in Christmas Valley to 42 degrees in Roseburg. High temperatures ranged from 57 degrees in North Bend to 84 degrees in Ontario. Average temperatures were between 45 and 61 degrees. All 43 stations reported measurable precipitation with 6 of those reporting more than an inch. The Dalles reported the most precipitation of 1.33 inches. Flooding was reported in Grant County.

Field Crops: Fieldwork resumed last week thanks to favorable weather conditions. Planting of spring crops continued and crops already planted progressed well due to warmer temperatures. The hay crop also benefited from warmer temperatures. Crops grown in heavier soils continue to be behind in planting. Willamette Valley winter wheat growers battled stripe rust with multiple fungicide applications. Malheur County potato planting was winding down.

Vegetables: Vegetable plantings were about 3 to 4 weeks behind normal planting periods in Douglas County. In Washington

County, vegetables were being planted during intermittent dry periods, however the soil was still wet and cool putting sweet corn plantings behind.

Fruits and Nuts: Jackson County reported all tree fruit had finished blooming and closure sprays were being applied. Fruit blooming was reported to be 2-3 weeks later than average across the State. Blueberries leafed and were getting ready to blossom, while walnuts were starting to leaf in Washington County. Some hazelnut growers were spraying for bud mite control. Blight sprays were still being applied.

Nurseries and Greenhouses: Greenhouses continued to be busy with vegetable and decorative plant starts. Most outlets had a good supply of starts. Nurseries were getting new starts planted and continued shipping trees and shrubs.

Livestock, Range and Pasture: Range and pasture conditions improved with drier conditions and warmer temperatures. Warmer weather was still needed. Livestock were doing well and were being moved to new pastures.

Soil Moisture - Week Ending 05/15/11

	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	0	3	70	27
Subsoil	0	3	69	28

Crop Condition - Week Ending 05/15/11

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat	1	1	18	65	15
Range and pasture	2	5	27	54	12

Crop Progress - Week Ending 05/15/11

Crop	This week	Last week	Last year	5 year average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Barley planted	85	80	93	95
Barley emerged	60	58	79	78
Spring wheat planted	92	88	100	99
Spring wheat emerged	52	47	93	89
Days suitable for fieldwork	4.7	5.0	5.6	6.1

CLACKAMAS: Plenty of rain early in the week held up tillage and seeding until dry days on Thursday and Friday. There were still some areas too wet to plant, even in the foothills.

COLUMBIA: Slow warming and less rain had lead to some field work, perked up pasture growth, and improved the general farm community outlook.

COOS/CURRY: Low temperatures were at the 5-year average in Brookings (southern Curry) and nearly 5 degrees below the 5-year average in Bandon (Coos Co.). High temperatures through the week were about 9 to 10 degrees below the 5-year average in both southern Curry, and Coos. Heaviest precipitation was on Sunday for both counties, with scattered showers mid-week. Producers continued to move more cattle onto the bottoms. Standing water on the Coquille bottom, other low pastures, and even hillside pastures remained relatively wet. There were 5 days suitable for field work during the period. Bandon (Coos & Northern Curry): Low temperature for the period was 35.66 degrees, 4.83 degrees below the 5-year average. High temperature for the period was 57.79 degrees, 9.42 degrees below the 5-year average. Precipitation for the period was 0.38 inches, which is 0.09 inches above the 5-year average for the week. Weather year 2011 (began 10/1/2010) precipitation stands at 49.73 inches, 2.45 inches below the 5-year average. Average precipitation through the month of May is 55.97 inches. Brookings (Southern Curry): Low temperature for the period was 42.34 degrees, 0.16 degrees above the 5-year average. High temperature for the period was 64.95 degrees, 8.79 degrees below the 5-year average. Precipitation for the period was 0.93 inches, compared to a 5-year average of 0.89 inches. Weather year 2011 (began 10/1/2010) precipitation stands at 98.49 inches, 6.39 inches above the 5-year average. Historical average precipitation through May is 68.15 inches.

DOUGLAS: A drier week had allowed some fieldwork to begin. Cultivation on lighter soils was being done. Heavier soils were still a little too wet to work. Almost all perennial crops were in good shape but very late in developing. Bloom for apples was about 2-3 weeks later than average and grape bud break was also about 2-3 weeks later than average. Vegetable planting was 3-4 weeks behind normal planting periods. This is setting up to be the latest crop development year in the past ten years.

JACKSON: The few days of sunny weather had made a real change for the better for all field crops. Hay was showing good growth, but more sun was needed. Grass hay fields were heading out. All tree fruit had finished bloom. Closure sprays were applied. No word on any problems with the cold nights. Lots of ground preparation and some vegetable planting, but the soil was still cold and damp. Greenhouses were busy with getting out the spring vegetable and decorative plant starts. There seemed to be a good supply at most outlets. Nurseries were getting new starts planted, and still shipping out spring trees and shrubs. Pastures had really shown good growth this week. All livestock were now out on spring pastures, and looking quite good. It was a pretty good week for accomplishing field work, while trying to get caught up from the wet spring. Overcast on most days but little precipitation to speak of. Temperatures dropped into the mid 30's

on Tuesday morning prompting the use of some frost protection fans in orchards around the Valley.

JOSEPHINE: Overnight temperatures were mid-30's to 50 degrees. Daytime upper 40's to 70's. Weather was definitely unsettling this week. There was .25 inches of rain, some fog, and lots of wind. Protection for plants vulnerable to frost was necessary this week. Table grapes had leafed out nicely and the flowers had not peaked out yet. Artichokes, asparagus, and greens appreciated last week's weather. The soil was able to be worked in some areas. Animals were looking good, along with cared for hay fields. It was a busy and beautiful time of year here.

LANE: Weather was still slowing the tree fruit pollination, but there were a few good sunny days. Soils were still wet but slowly drying. Some land was still not tilled. There was Striped Rust issues in winter wheat, some farmers were on fourth application of fungicide. Row crops on heavier soil types were behind on planting. Pollination happened, but will have to wait and see how well fruits were pollinated. Some freeze damage to blueberries. Strawberry production was two weeks behind normal. Peaches were looking mediocre, and still too early to tell for cherries. Apples and pears were having a very delayed and long pollination, along with varied sizes.

LINN/BENTON: The wheat crop in the Willamette Valley was showing signs of striped rust. Farmers were busy trying to get out and work their fields for their row crops and corn.

MARION: Warmer, sunny weather gave crops a boost this week. Winter wheat was in boot stage, and stripe rust was visible in many fields. Hop trellising was getting strung and vines trained. Many winter brassicas were in bloom.

WASHINGTON: Cool, wet weather conditions persisted. Spring grains and vegetables were being planted during intermittent dry periods. Crimson clover bloom was beginning and red clover was maturing rapidly. Flag leaves were beginning to emerge on winter wheat and some grass seed fields. Stripe rust and septoria pressure was moderate to severe on winter wheat. Cool and wet weather may result in low pollinator activity. Hay was ready to cut, but too risky with uncertain weather patterns. Blueberries leafed and were getting ready to blossom. Saw dust was spread in the rows. Strawberries and some blackberries were blooming. Walnuts were starting to leaf. Soil was still wet and cool, putting sweet corn planting behind schedule. Buffalo calves were looking good, and cattle were generally in good shape. Some tractors were struggling to pull out of wet spots.

YAMHILL: First fresh strawberries of the year were available over the weekend; grown outdoors but with protection and black plastic. Everything was growing with at least "warmer" weather if not much sunshine. Grapes may be the exception as they are later than last year at this time. They didn't even have leaves this week. Some hazelnut growers were spraying for bud mite control. Eastern Filbert Blight control sprays were still being applied.

Eastern Oregon

GRANT: Rains continued causing flooding along most rivers and streams.

HOOD RIVER: Variable conditions prevailed through the week. Minimum temperatures remained above critical ranges for developing fruit and flower buds. At week's end, crop development in the lower Hood River Valley was as follows: d'Anjou pear at post bloom (WSU stage 8); Red Delicious apple at full bloom to post bloom (WSU stages 8&9); Bing cherry at post bloom (WSU stage 9); Pinot noir grape with first leaf unfolded (Eichhorn-Lorenz stage 7).

KLAMATH: More nice weather during the week, with highs near the 70's. A lot of spring planting was accomplished. Growth of perennials was still slow. Irrigation was running, and the alfalfa was growing well. Cattle were being turned out to pasture, although the cooler, wet weather over the past few weeks had slowed growth a bit. Some warm days would help move it right along.

LAKE: Received some snow during the week. Cooler temperatures affected pasture growth.

MALHEUR: High and low temperatures were more near normal with a high of 80 degrees on Friday and lows in the mid 40's. The week was dry and all field activities continued until Sunday when it rained 0.88 inches overnight. Rainfall varied over the area so field activity will continue on dry fields. Potato planting winding down and field corn planting continued. Overall it had still been a cool spring, putting crops behind schedule.

SHERMAN: Big storm blew through Wednesday evening bringing some rain and cold, but the next three days were very nice, allowing for spraying to cover many acres. Cereal rye headed out early this week, at least in the north end. Looks more like a typical harvest start time especially when compared to last year's late start. Weather starting to warm up and growers hoping it will kick in grain's High Temperature Adult-Plant resistance so they won't have to spray for stripe rust. Initial field tillage about 50-60 percent complete, but looks like there will be more direct seed this year due to fuel prices and wet conditions.

UMATILLA: Warmer temperatures seen this week, which prompted good wheat and grass growth in the area.

UNION: Warmer temperatures Monday-Friday with two consecutive days in the 70s. Storm system moved into area late Friday resulting in excessive rainfall through Sunday evening and region-wide flood warnings issued by the National Weather Service. Cold temperatures on Sunday resulted in several inches of snow over night in the foothills. Temperatures were expected to drop into the low 30s early this coming week. Precipitation events forecast through mid-week so not sure when field activities will resume. Spring crop planting not completed yet.

WALLOWA: Slightly warmer temperatures helped with crops and dispositions.

Weather data for selected stations in Oregon, Week ending: May 15, 2011 (as of 11:00 am) ¹

Station	Air temperature ²				Growing degree days ³		Last week precip. ⁴			Season cum. precipitation ⁵			
	Low	High	Avg.	DFN ⁶	Total	DFN ⁶	Total inches	DFN ⁶	Days ⁷	Total inches	DFN ⁶	Pct. normal	Days ⁷
COASTAL AREAS													
Astoria	37	61	51	-2	9	-5	0.89	0.19	5	77.66	17.58	129	185
Bandon ⁸	36	58	49	-3	4	-10	0.38	-0.27	3	51.53	-3.21	94	170
Crescent City	40	58	50	-4	2	-26	0.21	-0.49	4	58.90	-2.27	96	137
Florence	34	60	48	-5	1	-20	0.95	0.06	5	73.59	3.53	105	178
North Bend	41	57	50	-4	3	-18	0.56	-0.13	5	44.91	-14.05	76	128
Tillamook	37	61	51	+1	17	+3	0.86	-0.18	5	75.28	-4.62	94	170
WILLAMETTE VALLEY													
Aurora ⁸	36	72	53	-2	22	-10	0.75	0.26	4	46.98	10.32	128	167
Corvallis	33	69	51	-4	11	-18	0.11	-0.34	2	41.10	1.96	105	167
Detroit Lake ⁸	37	71	51	+3	16	+5	1.17	0.40	3	94.17	32.62	153	173
Eugene	36	68	52	-4	14	-23	0.14	-0.35	3	35.76	-9.54	79	133
Hillsboro	34	72	52	-3	18	-13	0.74	0.39	4	37.15	3.39	110	155
McMinnville	31	70	51	-5	14	-22	0.62	0.20	4	41.70	1.67	104	156
Portland	38	73	55	-2	36	-8	1.04	0.55	4	44.65	12.56	139	156
Salem	34	71	54	+0	29	+1	0.61	0.19	4	43.61	8.07	123	151
SW VALLEYS													
Grants Pass	36	79	55	-4	40	-18	0.59	0.31	4	37.18	7.95	127	125
Medford	37	77	56	-2	45	-6	0.40	0.19	3	18.85	1.83	111	99
Roseburg	42	72	54	-3	33	-11	0.41	0.06	4	32.99	2.84	109	139
NORTH CENTRAL													
Condon	33	70	51	+1	18	+4	0.95	0.68	3	15.34	4.09	136	115
Echo ⁸	38	77	57	-1	54	-4	0.86	0.72	4	11.16	3.59	147	104
Heppner	36	74	54	-1	32	-2	0.84	0.49	2	14.00	2.75	124	110
Hermiston	34	77	57	-1	54	-4	0.92	0.78	3	11.55	3.98	153	98
Madras ⁸	31	73	51	-2	18	-10	0.40	0.26	4	9.38	1.19	115	95
Moro	33	71	52	-1	18	-4	0.95	0.75	2	13.60	4.26	146	88
Parkdale ⁸	34	71	51	-4	16	-20	0.85	0.64	4	44.68	15.86	155	149
Pendleton	39	82	56	-1	45	-4	1.02	0.81	3	14.60	4.58	146	107
Prairie City ⁸	31	73	51	-2	18	-10	0.40	0.26	4	9.38	1.19	115	95
The Dalles	40	76	59	+7	65	+37	1.33	1.19	3	13.67	2.93	127	103
SOUTH CENTRAL													
Agency Lake ⁸	34	66	48	+0	7	+0	0.02	-0.19	1	15.71	1.97	114	90
Bend	29	69	48	-2	3	-10	0.42	0.28	2	6.40	-2.90	69	48
Burns	26	78	51	+2	26	+12	1.08	0.87	3	12.55	5.01	166	100
Christmas Valley ⁸	24	72	46	-7	1	-22	0.29	0.08	5	8.91	-0.84	91	113
Klamath Falls	26	73	48	-4	8	-13	0.01	-0.20	1	9.46	-1.91	83	73
Klamath Falls ⁸	27	71	48	-4	9	-12	0.21	0.00	2	12.05	0.68	106	102
Lakeview	26	74	45	-6	3	-11	0.02	-0.29	1	13.96	1.19	109	105
Lorella ⁸	26	72	46	-6	1	-20	0.14	-0.07	2	12.25	0.88	108	99
Redmond	28	72	50	-1	9	-5	0.51	0.37	1	9.00	2.57	140	73
Worden ⁸	27	69	47	-6	3	-18	0.12	-0.09	1	11.41	0.04	100	86
NORTHEAST													
Baker City	29	77	53	+2	29	+11	0.68	0.40	2	9.31	2.06	128	97
Joseph	33	72	48	+3	20	+19	0.58	0.16	4	11.45	-8.59	57	103
La Grande	36	79	55	+2	41	+15	1.16	0.81	3	12.03	-1.63	88	106
Imbler ⁸	32	79	54	+3	37	+16	1.40	1.05	5	18.90	-0.63	97	125
SOUTHEAST													
Ontario	38	84	61	+3	75	+12	0.17	0.03	2	9.43	1.54	120	80
Rome	31	80	53	-2	37	+2	0.56	0.35	2	11.52	5.60	195	78

¹ Summary based on NWS data. Copyright 2011: AWIS, Inc. All Rights Reserved.

² Air temperature in degrees Fahrenheit.

³ Growing degree days base-50 degrees Fahrenheit.

⁴ Precipitation (rain or melted snow/ice) in inches.

⁵ Season cumulative precipitation starts September 1, 2010.

⁶ DFN=Departure from normal (using 1961-1990 normal period).

⁷ Precipitation days = Days with precipitation of 0.01 inch or more.

⁸ Agri-Met weather stations.